



CD-Search

Entrez ?

RPS-BLAST 2.2.1 [Apr-13-2001]

Query=

(34 letters)

Mouse-over boxes to display more information



PSSMs producing significant alignments:		Score (bits)	E value
gnl Pfam pfam01279	Parathyroid, Parathyroid hormone family	55.1	6e-10
gnl Smart smart00087	PTH, Parathyroid hormone	45.4	5e-07

[gnl|Pfam|pfam01279](#), Parathyroid, Parathyroid hormone family.Add query to multiple alignment, display sequences

CD-Length = 124 residues, only 26.6% aligned
Score = 55.1 bits (131), Expect = 6e-10

Query: 2 **?** VSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNF 34
Sbjct: 32 VSEHQLMHNLGKHIQDLERREWLHKKLQDVHTA 64

22
33 or 34
66.7%

[gnl|Smart|smart00087](#), PTH, Parathyroid hormoneAdd query to multiple alignment, display sequences

CD-Length = 36 residues, 91.7% aligned
Score = 45.4 bits (106), Expect = 5e-07

Query: 2 VSEIQLMHNLGKHLNSMERVEWLRKKLQDVHNF 34
Sbjct: 4 VSEHQLMHNLGKHIQDLERREWLQKKLQDVHTA 36



PubMed	Nucleotide	Protein	Genome	Structure	PopSet	Taxonomy	OMIM
Search <input type="text" value="Protein"/>		<input checked="" type="checkbox"/> for				<input type="button" value="Go"/>	<input type="button" value="Clear"/>
		<input type="button" value="In its"/>		<input type="button" value="Index"/>		<input type="button" value="Isotop"/>	
<input type="button" value="Display"/>		<input type="button" value="Default View"/>		<input checked="" type="checkbox"/> as HTML		<input type="button" value="Save"/> <input type="button" value="Add to Clipboard"/>	

☐ 1: **1ZW8** Structure Of Human BLink, Related Sequences, Structure, Taxonomy, 3D Domains, LinkOut

Parathyroid Hormone Fragment

2-37, Nmr, 10

Structures

LOCUS 1942097 36 aa PRI 17-JUN-1996
 DEFINITION Structure Of Human Parathyroid Hormone Fragment 2-37, Nmr, 10 Structures.
 ACCESSION 1942097
 PID g1942097
 VERSION GI:1942097
 DBSOURCE pdb: release Jun 17, 1996;
 deposition: Jun 17, 1996;
 class: Hormone;
 source: Mol_id: 1; Synthetic: Yes;
 Non X-ray method: Nmr, 10 Structures.

KEYWORDS .
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (residues 1 to 36)
 AUTHORS Marx,U.C.
 TITLE Strukturen Verschiedener Parathormonfragmente In Loesung
 JOURNAL Book: STRUKTUREN VERSCHIEDENER PARATHORMONFRAGMENTE IN LOESUNG.
 Bayreuth : University Of Bayreuth (Thesis):GW (1996)
 2 (residues 1 to 36)
 AUTHORS Roesch,P. and Marx,U.C.
 TITLE Direct Submission
 JOURNAL Submitted (17-JUN-1996)

COMMENT Revision History:
 MAR 12 97 Initial Entry.

FEATURES
 Location/Qualifiers
 source 1..36
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 SecStr 20..29
 /sec_str_type="helix"
 /note="helix 1"

ORIGIN
 1 vseiqlmhnl gkhlnsmerv ewlrkklqdv hnfv
 //

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**PALM INTRANET**

Day : Tuesday
Date : 8/ 7/2001
Time : 14:12:08

Inventor Name Search Result

Your Search was:

Last Name = BRINGHURST

First Name = F

Serial#	Patent#	Status	Date Filed	Title	Inventor Name
09448867	Not Issued	41	11/24/1999	HUMAN PARATHYROID HORMONE MODIFICATIONS, PREPARATION AND USE	BRINGHURST , F RICHARD
08903977	6183974	150	07/31/1997	SCREENING ASSAYS FOR G PROTEIN COUPLED RECEPTOR AGONISTS AND	BRINGHURST , F. RICHARD
09447800	Not Issued	71	11/23/1999	AMINO-TERMINAL MODIFIED PARATHYROID HORMONE (PTH) ANALOGS	BRINGHURST , F. RICHARD
09696982	Not Issued	30	10/27/2000	SCREENING ASSAYS FOR G PROTEIN COUPLED RECEPTOR AGONISTS AND ANTAGONIS	BRINGHURST , F. RICHARD
60109938	Not Issued	159	11/25/1998	HUMAN PARATHYROID HORMONE MODIFICATIONS, PREPARATION AND USE	BRINGHURST , F. RICHARD
60110152	Not Issued	159	11/25/1998	AMINO-TERMINAL MODIFIED PARATHYROID HORMONE (PTH) ANALOGS	BRINGHURST , F. RICHARD
60225065	Not Issued	2	08/14/2000	PTH ANALOGS FOR RENAL OSTEODYSTROPHY AND RELATED USES	BRINGHURST , F. RICHARD

Inventor Search Completed: No more records to search.

	Last Name	First Name
Search Another:	BRINGHURST	F
Inventor	<input type="button" value="Search"/>	

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L19 ANSWER 7 OF 20 BIOSIS COPYRIGHT 2001 BIOSIS

AN 1991:179841 BIOSIS

DN BA91:94590

TI BIOLOGICAL ACTIVITY OF PARATHYROID HORMONE ANTAGONISTS
SUBSTITUTED AT POSITION 13.

AU CHOREV M; ROUBINI E; MCKEE R L; GIBBONS S W; REAGAN J E; GOLDMAN M E;
CAULFIELD M P; ROSENBLATT M

CS MERCK SHARP DOHME RES. LAB., WEST POINT, PA. 19486.

SO PEPTIDES (ELMSFORD), (1991) 12 (1), 57-62.

CODEN: PPTDD5. ISSN: 0196-9781.

FS BA; OLD

LA English

L2 ANSWER 2 OF 5 BIOSIS COPYRIGHT 2001 BIOSIS
AN 1995:119927 BIOSIS
DN PREV199598134227
TI Parathyroid hormone fragments may stimulate bone growth in ovariectomized rats by activating adenylyl cyclase.
AU Rixon, Ray H.; Whitfield, James F. (1); Gagnon, Lyne; Isaacs, Richard J.; MacLean, Susanne; Chakravarthy, Balu; Durkin, Jon P.; Neugebauer, Witold; Ross, Virginia; Sung, Wing; Willick, Gordon E.
CS (1) Inst. Biol. Sci., Natl. Res. Council Canada, Build. M-54, Montreal Road Campus, Ottawa, ON K1A 0R6 Canada
SO Journal of Bone and Mineral Research, (1994) Vol. 9, No. 8, pp. 1179-1189.
ISSN: 0884-0431.
DT Article
LA English

L18 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2001 BIOSIS
AN 1981:241385 BIOSIS
DN BA72:26369
TI ANALOGS OF AN IN-VITRO PARATHYROID HORMONE INHIBITOR MODIFICATIONS AT THE
AMINO TERMINUS.
AU ROSENBLATT M; POTTS J T JR
CS ENDOCRINE UNIT, MASS. GEN. HOSP., BOSTON, MA 02114.
SO CALCIF TISSUE INT, (1981) 33 (2), 153-158.
CODEN: CTINDZ. ISSN: 0171-967X.
FS BA; OLD
LA English